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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended November 30, 1990 NO. 48

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/30/90	Last Week Ending: 11/23/90	Last Year Week Ending: 12/01/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,714	12,945	13,657	769	57
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	88.0	83.0	87.7		
Motor Gasoline					
Total motor gasoline production	7,299	6,638	7,207	661	92
Finished leaded motor gasoline production	288	304	583	-16	-295
Finished unleaded motor gasoline production	7,011	6,334	6,624	677	387
Total motor gasoline stocks	221,100	218,272	223,080	2,828	-1,980
Finished leaded motor gasoline stocks	9,728	10,317	18,243	-589	-8,515
Finished unleaded motor gasoline stocks	171,347	169,001	166,940	2,346	4,407
Jet Fuel Kerosine					
Jet fuel kerosine production	1,460	1,370	1,314	90	146
Jet fuel kerosine stocks	45,281	46,828	44,293	-1,547	988
Distillate Fuel Oil					
Distillate fuel oil production	3,217	2,840	3,213	377	4
Distillate fuel oil stocks	132,850	134,801	121,458	-1,951	11,392
Residual Fuel Oil					
Residual fuel oil production	859	839	1,066	20	-207
Residual fuel oil stocks	51,202	51,426	52,557	-224	-1,355
Imports					
Crude oil imports	4,991	5,253	6,727	-262	-1,736
Product imports	2,169	1,710	2,054	459	115
Crude Oil Stocks					
Crude oil stocks	335,549	337,075	351,896	-1,526	-16,347
Crude Supply Balance	1,157				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,404	1,110	1,132	1,384	81.8
Appal. No. 1	95	93	93	124	75.0
DISTRICT 1 TOTAL	1,499	1,203	1,225	1,508	81.2
Ind., Ill., Ky.	2,125	1,990	2,004	2,195	91.3
Minn., Wisc., Daks.	324	335	337	343	98.3
Okla., Kans., Mo.	764	697	700	737	95.0
DISTRICT 2 TOTAL	3,213	3,022	3,041	3,275	92.9
Inland Texas	625	536	558	584	95.5
Texas Gulf Coast	3,196	2,831	2,902	3,339	86.9
La. Gulf Coast	2,779	2,531	2,576	2,903	88.7
N. La. and Ark.	160	156	156	257	60.7
New Mexico	82	73	73	78	93.6
DISTRICT 3 TOTAL	6,842	6,127	6,265	7,161	87.5
DISTRICT 4 TOTAL	489	445	445	556	80.0
DISTRICT 5 TOTAL	2,862	2,692	2,738	3,091	88.6
TOTAL U.S.	14,905	13,489	13,714	15,591	88.0
TOTAL U.S. Weeks Ended:					
NOV. 23, 1990	14,085	12,780	12,945	15,591	83.0
DEC. 1, 1989	14,957	13,549	13,657	15,576	87.7
DISTRICTS 1-4 Weeks Ended:					
NOV. 30, 1990	12,043	10,797	10,976	12,500	87.8
NOV. 23, 1990	11,328	10,152	10,307	12,500	82.5
DEC. 1, 1989	12,261	11,094	11,157	12,538	89.0

API WEEKLY STATISTICAL BULLETIN

Week Ended November 30, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	608	6	602	6	88	299	127
Appal. No. 1	38	1	37	--	--	27	1
DISTRICT 1 TOTAL	646	7	639	6	88	326	128
Ind., Ill., Ky.	1,248	14	1,234	10	126	469	48
Minn., Wisc., Daks.	198	5	193	2	15	224	8
Okla., Kans., Mo.	425	15	410	5	41	191	5
DISTRICT 2 TOTAL	1,871	34	1,837	17	182	884	61
Inland Texas	325	18	307	15	51	141	13
Texas Gulf Coast	1,551	14	1,537	55	344	597	237
La. Gulf Coast	1,326	--	1,326	23	365	588	121
N. La. and Ark.	64	--	64	4	1	48	9
New Mexico	38	10	28	12	3	17	1
DISTRICT 3 TOTAL	3,304	42	3,262	109	764	1,391	381
DISTRICT 4 TOTAL	252	51	201	13	38	140	7
DISTRICT 5 TOTAL	1,226	154	1,072	64	388	476	282
TOTAL U.S.	7,299	288	7,011	209	1,460	3,217	859
TOTAL U.S. Weeks Ended:							
NOV. 23, 1990	6,638	304	6,334	174	1,370	2,840	839
DEC. 1, 1989	7,207	583	6,624	189	1,314	3,213	1,066
DISTRICTS 1-4 Weeks Ended:							
NOV. 30, 1990	6,073	134	5,939	145	1,072	2,741	577
NOV. 23, 1990	5,508	139	5,369	125	1,020	2,437	537
DEC. 1, 1989	5,994	370	5,624	141	973	2,757	686

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 30, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,019	6	4,013	--	123	771	6,910	426	--
Central Atlantic	26,833	--	21,828	5,005	257	6,047	36,824	21,139	13,312
Lower Atlantic	28,041	18	27,787	236	499	6,038	16,518	2,402	449
DISTRICT 1 TOTAL	58,893	24	53,628	5,241	879	12,856	60,252	23,967	13,761
DISTRICT 2 TOTAL	55,235	2,189	45,459	7,587	895	9,199	29,443	3,689	14,887
DISTRICT 3 TOTAL	67,838	746	49,856	17,236	2,571	15,562	27,059	15,120	52,518
DISTRICT 4 TOTAL	7,503	1,480	3,763	2,260	336	705	3,087	526	2,101
DISTRICT 5 TOTAL	31,631	5,289	18,641	7,701	1,852	6,959	13,009	7,900	25,283
TOTAL U.S.	221,100	9,728	171,347	40,025	6,533	45,281	132,850	51,202	108,550
TOTAL U.S. Weeks Ended:									
NOV. 23, 1990	218,272	10,317	169,001	38,954	6,088	46,828	134,801	51,426	107,719
DEC. 1, 1989	223,080	18,243	166,940	37,897	6,164	44,293	121,458	52,557	111,851
DISTRICTS 1-4 Weeks Ended:									
NOV. 30, 1990	189,469	4,439	152,706	32,324	4,681	38,322	119,841	43,302	83,267
NOV. 23, 1990	187,648	4,954	151,015	31,679	4,535	39,149	122,339	43,559	82,999
DEC. 1, 1989	191,892	12,642	149,814	29,436	4,733	37,329	111,101	43,357	88,559

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 30, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 30, 1990	4,377.0	4,407.0	4,934	604	261,590
NOV. 23, 1990	4,377.0	--	5,088	578	263,016
NOV. 16, 1990	4,377.0	--	5,107	672	261,543
NOV. 9, 1990	4,377.0	--	4,663	611	265,016
DISTRICT 5 TOTAL					
NOV. 30, 1990	2,848.0	2,647.0	57	--	73,959 #
NOV. 23, 1990	2,848.0	--	165	--	74,059
NOV. 16, 1990	2,848.0	--	89	--	79,672
NOV. 9, 1990	2,848.0	--	166	13	80,340
TOTAL U.S.					
NOV. 30, 1990	7,225.0	7,054.0	4,991	604	335,549 #
NOV. 23, 1990	7,225.0	--	5,253	578	337,075
NOV. 16, 1990	7,225.0	--	5,196	672	341,215
NOV. 9, 1990	7,225.0	--	4,829	624	345,356
DEC. 1, 1989	7,536.0 a/	--	6,727	697	351,896

#INCLUDES 16,081 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
NOV. 30, 1990	1,157	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 30, 1990	13,373	70,075	165,251	12,891	261,590	73,959 #	335,549 #
NOV. 23, 1990	12,971	69,828	167,610	12,607	263,016	74,059	337,075
DEC. 1, 1989	14,517	74,391	165,929	12,014	266,851	85,045	351,896

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	206	--	206	--	--	--	124	3	11	--	--	344
Central Atlantic	117	--	117	21	29	27	134	286	12	322	52	1,000
Lower Atlantic	21	--	21	--	--	28	--	67	--	--	--	116
DISTRICT 1 TOTAL												
NOV. 30, 1990	344	--	344	21	29	55	258	356	23	322	52	1,460
NOV. 23, 1990	259	--	259	42	23	46	190	270	63	153	5	1,051
NOV. 16, 1990	136	--	136	15	--	2	76	305	27	133	67	761
NOV. 9, 1990	368	--	368	31	--	34	365	408	29	35	127	1,397
DISTRICTS 2-4 TOTAL												
NOV. 30, 1990	7	--	7	41	8	22	9	10	97	258	218	670
NOV. 23, 1990	6	--	6	6	2	12	4	10	175	232	152	599
NOV. 16, 1990	2	--	2	40	2	1	--	5	139	187	113	489
NOV. 9, 1990	8	--	8	5	2	1	5	6	98	220	385	730
DISTRICT 5 TOTAL												
NOV. 30, 1990	12	--	12	3	--	7	4	11	1	1	--	39
NOV. 23, 1990	7	--	7	4	--	4	2	16	13	1	13	60
NOV. 16, 1990	2	--	2	4	--	1	22	9	1	1	17	57
NOV. 9, 1990	--	--	--	--	--	3	30	6	3	--	2	44
TOTAL U.S.	363	--	363	65	37	84	271	377	121	581	270	2,169
TOTAL U.S. Weeks Ended:												
NOV. 23, 1990	272	--	272	52	25	62	196	296	251	386	170	1,710
NOV. 16, 1990	140	--	140	59	2	4	98	319	167	321	197	1,307
NOV. 9, 1990	376	--	376	36	2	38	400	420	130	255	514	2,171
DEC. 1, 1989	431	--	431	11	--	181	449	414	134	283	151	2,054

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.